

**NECTAYA Developer Lotion 6%**

**Article number 201891 =725ml**

**KAO USA Inc.**

**Linthicum Heights, MD 21090**

Created: 20.12.2011, Revision 13.12.2011

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**1 Identification of the substance / preparation and of the company**

**Product identifier** **NECTAYA Developer Lotion 6%**  
**Article number 201891 =725ml**

**Use** Developer  
**Identified use** Cosmetics  
**Company** KAO USA Inc.

Linthicum Heights, MD 21090 / USA  
 Phone 001410-850-7555  
 Homepage www.kpss-hair.com

**Address enquiries to**  
**Emergency phone Advisory body** CHEMTREC: +1 703 527-3887 (24h)  
**Safety Data Sheet** sdb@chemiebuero.de

**2 Hazards identification**

**Emergency Overview**

**Appearance, Odor:** viscous, white, characteristic

WARNING  
 CAUSES EYE IRRITATION.

**OSHA Regulatory Status**

This product is defined as an Cosmetics. Therefore, this product is exempt from requirements of the hazard communication standard, 29 CFR1910.1200.  
 This product is classified as hazardous in accordance to OSHA Standard 29 CFR 1910.1200.

**Potential health effects**

Frequent persistent contact with the skin can cause skin irritation.

**Potential environmental effects**

Does not contain any PBT or vPvB substances.

**3 Composition / Information on ingredients**

The product in question is a mixture.

| Range [%] | Substance                                      |
|-----------|--|
| 1 - <10   | Glycerol<br>CAS: 56-81-5                       |
| 6         | Hydrogen peroxide<br>CAS: 7722-84-1            |
| 1 - <10   | White mineraloil (petroleum)<br>CAS: 8042-47-5 |

**Comment on component parts** Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%. All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

**4 First aid measures**

**Description of first aid measures** Change soaked clothing.

**Inhalation** not applicable

**Skin contact** When in contact with the skin, clean with soap and water.  
Consult a doctor if skin irritation persists.

**Eye contact** In case of contact with eyes rinse thoroughly and immediately with plenty of water and seek medical advice.

**Ingestion** Consult a doctor immediately.

**Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

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**5 Fire-fighting measures**

|   |   |
|---|---|
| <b>Suitable extinguishing media</b>   | foam, dry powder, water spray jet, carbon dioxide   |
| <b>Extinguishing media that must not be used</b>  | Full water jet.   |
| <b>Special exposure hazards arising from the substance or preparation itself or combustion products</b> | Unknown risk of formation of toxic pyrolysis products.  |
| <b>Special protective equipment for firefighters</b>  | Use self-contained breathing apparatus.   |
| <b>Additional information</b>   | Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations. |

**6 Accidental release measures**

|  |  |
|--|--|
| <b>Personal precautions, protective equipment and emergency procedures</b> | High risk of slipping due to leakage/spillage of product.  |
| <b>Environmental precautions</b>   | Prevent spread over a wide area (e.g. by containment or oil barriers).<br>Do not discharge into the drains/surface waters/groundwater.   |
| <b>Methods and material for containment and cleaning up</b>                | Take up with absorbent material (e.g. general-purpose binder).<br><br>Dispose of absorbed material in accordance within the regulations. |

**7 Handling and storage**

|   |   |
|---|---|
| <b>Precautions for safe handling</b>              | No special measures necessary if used correctly.                              |
| <b>Requirements for storage rooms and vessels</b> | Keep only in original container.  |
| <b>Further information on storage conditions</b>  | Keep container tightly closed.<br>Protect from heat/overheating and from sun. |

**8 Exposure controls / personal protection**

**Additional advice on system design** Ensure adequate ventilation on workstation.

**Ingredients with occupational exposure limits to be monitored (US)**

| Range [%] | Substance   |
|-----------|---|
| 6         | Hydrogen peroxide<br>CAS: 7722-84-1, EINECS/ELINCS: 231-765-0, EU-INDEX: 008-003-00-9<br>Long-term exposure: 1 ppm, 1,4 mg/m <sup>3</sup> |
| 1 - <10   | White mineraloil (petroleum)<br>CAS: 8042-47-5, EINECS/ELINCS: 232-455-8<br>Long-term exposure: 5 mg/m <sup>3</sup> , mist, ACGIH         |
| 1 - <10   | Glycerol<br>CAS: 56-81-5, EINECS/ELINCS: 200-289-5<br>Long-term exposure: 15 mg/m <sup>3</sup> , (mist) total dust                        |

|  |  |
|--|--|
| <b>Respiratory protection</b>                                      | not applicable   |
| <b>Hand protection</b>   | butyl rubber, > 120 min (EN 374)<br><br>The details concerned are recommendations. Please contact the glove supplier for further information.  |
| <b>Eye protection</b>  | Safety glasses.  |
| <b>Skin protection</b>   | Apron.   |
| <b>General protective measures</b>                                 | Avoid contact with eyes and skin.<br><br>Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier. |
| <b>Hygiene measures</b>  | Do not eat, drink, smoke or take drugs at work.<br>Use barrier skin cream.<br>Wash hands before breaks and after work.   |
| <b>Delimitation and monitoring of the environmental exposition</b> | See section 6+7.   |

## 9 Physical and chemical properties

|   |                             |
|---|-----------------------------|
| Form                                      | viscous                     |
| Color                                     | white                       |
| Odor                                      | characteristic              |
| pH-value                                  | 1,9 - 2,1                   |
| pH-value [1%]                             | not determined              |
| Boiling point [°C]                        | not determined              |
| Flash point [°C]                          | not applicable              |
| Flammability [°C]                         | not applicable              |
| Lower explosion limit                     | not applicable              |
| Upper explosion limit                     | not applicable              |
| Oxidizing properties                      | no                          |
| Vapour pressure/gas pressure [kPa]        | not applicable              |
| Density [g/ml]                            | 0,97 - 1,01 (20°C / 68,0°F) |
| Bulk density [kg/m <sup>3</sup> ]         | not applicable              |
| Solubility in water                       | miscible                    |
| Partition coefficient [n-octanol/water]   | not determined              |
| Viscosity                                 | not applicable              |
| Relative vapour density determined in air | not applicable              |
| Evaporation speed                         | not applicable              |
| Melting point [°C]                        | not determined              |
| Autoignition temperature [°C]             | not applicable              |
| Decomposition temperature                 | not determined              |

## 10 Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | No dangerous reactions known if used as directed. |
| Chemical stability                 | The product is stable under standard conditions.  |
| Possibility of hazardous reactions | No hazardous reactions known.                     |
| Conditions to avoid                | See section 7.2.                                  |
| Incompatible materials             | not determined                                    |
| Hazardous decomposition products   | No hazardous decomposition products known.        |

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**11 Toxicological information****Information on toxicological effects****Acute toxicity**

| Range [%] | Substance  |
|-----------|--|
| 1 - <10   | Glycerol, CAS: 56-81-5                                     |
|           | LD50, dermal, Rat: > 21 900 mg/kg.                         |
|           | LD50, oral, Rat: 12 600 mg/kg.                             |
| 6         | Hydrogen peroxide, CAS: 7722-84-1                          |
|           | LD50, dermal, Rat: >2000 mg/kg bw (IUCLID).                |
|           | LC50, inhalative, Rat: 0,17 mg/L (50% H2O2) (4h) (IUCLID). |
|           | LD50, oral, Rat: 75 mg/kg bw (70% H2O2) (IUCLID).          |

**Acute oral toxicity** not determined**Acute dermal toxicity** not determined**Acute inhalational toxicity** not determined**Serious eye damage/irritation** not determined**Skin corrosion/irritation** not determined**Respiratory or skin sensitisation** not determined**Specific target organ toxicity — single exposure** not determined**Specific target organ toxicity — repeated exposure** not determined**Mutagenicity** not determined**Reproduction toxicity** not determined**Carcinogenicity** not determined**General remarks** No classification on the basis of the calculation procedure of the preparation directive.

Toxicological data of complete product are not available.

This is a cosmetic product that is safe under intended and reasonable foreseeable use.

Taking into account the use instructions, the toxicological profile of the ingredients and the evaluation of the final formulation this product is considered as safe and thus not harming human health.

**12 Ecological information****Toxicity**

| Range [%] | Substance   |
|-----------|---|
| 1 - <10   | Glycerol, CAS: 56-81-5                                |
|           | LC50, (24h), fish: > 5000 mg/l.                       |
| 6         | Hydrogen peroxide, CAS: 7722-84-1                     |
|           | LC50, (96h), Pimephales promelas: 16,4 mg/L (IUCLID). |
|           | EC50, (24h), Daphnia magna: 7,7 mg/L (IUCLID).        |

**Fish toxicity** not determined**Daphnia toxicity** not determined**Behaviour in environment compartments** not determined**Behaviour in sewage plant** not determined**Bacteria toxicity** not determined**Biological degradability** not determined**COD** not determined**BOD 5** not determined**AOX-advice** not applicable**2006/11/EC:** not applicable**Other adverse effects** None known.**13 Disposal considerations****Product** Coordinate disposal with the authorities if necessary.**Contaminated packaging** Uncontaminated packaging may be taken for recycling.**RCRA Hazard Class (40CFR 261)** Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

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**14 Transport information**

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

DOT Road Shipment Information (49 CFR) NOT CLASSIFIED AS "DANGEROUS GOODS"

**15 Regulatory information**

**US Regulations**

**National regulations** 29 CFR 1910.1200, ANSI Z400.1-2010, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA, California - Prop. 65

- SARA, 302 This product does not contain any ingredients regulated under this list.
- SARA, 311 This product does not contain any ingredients regulated under this list.
- SARA, 313 This product does not contain any ingredients regulated under this list.
- CA Proposition 65 All chemical substances in this material are not named in California-P65 list.
- TSCA All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.
- FDA not applicable

**American Conference of Governmental Industrial Hygienists - ACGIH** Ingredients not listed as carcinogens.

**International Agency for Research on Cancer IARC** Ingredients not listed as carcinogens.

**National Toxicology Program - NTP** This product is not named NTP - National Toxicology Program.

**Transport-regulations** DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2012).

**EC Regulations**

1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

**Labelling** This preparation is excluded as cosmetics from the regulation 1999/45/EEC.

**Hazard symbols**



Irritant

**R-phrases**

R 36: Irritating to eyes.

**S-phrases**

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

**Special labelling**

not applicable

**16 Other informations**

Observe employment restrictions for people yes

**HMIS Ratings**

|                            |          |                               |
|----------------------------|----------|-------------------------------|
| <b>HEALTH</b>              | <b>1</b> | 1 - Slight Hazard             |
| <b>FLAMMABILITY</b>        | <b>0</b> | 0 - Minimal Hazard            |
| <b>REACTIVITY</b>          | <b>0</b> | 0 - Minimal Hazard            |
| <b>PERSONAL PROTECTION</b> | <b>B</b> | B - Safety Glasses and Gloves |

**NFPA Ratings**

|     |  |
|-----|--|
| 0   | TOP, FLAMMABILITY: 0 - Minimal Hazard  |
| 1   | LEFT, HEALTH: 1 - Slight Hazard        |
| 0   | RIGHT, REACTIVITY: 0 - Minimal Hazard  |
| IRR | BOTTOM, SPECIAL NOTICE: IRR - Irritant |

**Modified position**

none

**Safety Data Sheet (SDS) conforms to ANSI Z400.1/Z129.1-2010 (29 CFR 1910) (US)**

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Key / Legende:

ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; EINCES = European Inventory of Existing Commercial Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TSCA = Toxic Substances Control Act

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